

## Freeform Search

Database:

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US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Term:

5307812

Display:  Documents in Display Format:  Starting with Number

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### Search History

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DATE: Friday, July 26, 2002   [Printable Copy](#)   [Create Case](#)

**Set Name Query**  
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result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L17</u>	5307812	17	<u>L17</u>
<u>L16</u>	5378987	10	<u>L16</u>
<u>L15</u>	5938600	6	<u>L15</u>
<u>L14</u>	6064206	6	<u>L14</u>
<u>L13</u>	L11 and (heat\$4)	3	<u>L13</u>
<u>L12</u>	L11 and (thermal\$3with image)	0	<u>L12</u>
<u>L11</u>	L10 and (thermal\$3)	3	<u>L11</u>
<u>L10</u>	L7 and (temperature)	5	<u>L10</u>
<u>L9</u>	L5 and ((referenc\$4 or calibrat\$4) with temperature)	0	<u>L9</u>
<u>L8</u>	L7 and ((referenc\$4 or calibrat\$4) with temperature)	0	<u>L8</u>
<u>L7</u>	L6 and (detail or structure or (body with part) or head or arm or wrist or lung or liver or heart or object or subject or knee or ankle or hand or abdomin or stomache or kidney)	5	<u>L7</u>
<u>L6</u>	L5 and ((referenc\$4 or calibrat\$4) with image)	5	<u>L6</u>
<u>L5</u>	L4 and (position\$4 or locat\$6 or site or zone or region or area)	37	<u>L5</u>
<u>L4</u>	L3 and (referenc\$4 or calibrat\$4)	37	<u>L4</u>
<u>L3</u>	L2 and (thermal\$3 or temperature or heat\$4)	40	<u>L3</u>
<u>L2</u>	L1 and (microcoil or micro-coil or "micro coil")	89	<u>L2</u>
<u>L1</u>	((magnetic adj resonance) or MRI or NMR)	132614	<u>L1</u>

END OF SEARCH HISTORY

# WEST

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Search Results - Record(s) 1 through 37 of 37 returned.

☐ 1. Document ID: US 20020082517 A1

L5: Entry 1 of 37

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020082517

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020082517 A1

TITLE: Tissue marking using biocompatible microparticles

PUBLICATION-DATE: June 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Klein, Dean A.	North Oaks	MN	US	

US-CL-CURRENT: 600/564; 600/431

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 2. Document ID: US 20020022837 A1

L5: Entry 2 of 37

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020022837

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020022837 A1

TITLE: System and method of minimally-invasive exovascular aneurysm treatment

PUBLICATION-DATE: February 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mazzocchi, Rudy A.	Indian Harbor Beach	FL	US	
Miller, Thomas I.	Palm Bay	FL	US	
Parmer, Kari	Melbourne	FL	US	
Parmer, Timothy Alan	Melbourne	FL	US	
Solar, Matthew S.	Indialantic	FL	US	

US-CL-CURRENT: 606/41; 606/108

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 3. Document ID: US 20020019641 A1

L5: Entry 3 of 37

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019641  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020019641 A1

TITLE: Trajectory guide

PUBLICATION-DATE: February 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Truwit, Charles L.	Wayzata	MN	US	

US-CL-CURRENT: 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 4. Document ID: US 20010036451 A1

L5: Entry 4 of 37

File: PGPB

Nov 1, 2001

PGPUB-DOCUMENT-NUMBER: 20010036451  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010036451 A1

TITLE: Embolic compositions

PUBLICATION-DATE: November 1, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Goupil, Dennis W.	Norcross	GA	US	
Chaouk, Hassan	Atlanta	GA	US	
Holland, Troy	Suwanee	GA	US	
Asfaw, Bruktawit T.	Atlanta	GA	US	
Goodrich, Stephen D.	Norcross	GA	US	
Latini, Lucas	Norcross	GA	US	

US-CL-CURRENT: 424/78.38; 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 5. Document ID: US 20010001835 A1

L5: Entry 5 of 37

File: PGPB

May 24, 2001

PGPUB-DOCUMENT-NUMBER: 20010001835  
PGPUB-FILING-TYPE: new-utility  
DOCUMENT-IDENTIFIER: US 20010001835 A1

TITLE: Vascular embolization with an expansible implant

PUBLICATION-DATE: May 24, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Greene, George R. JR.	Costa Mesa	CA	US	
Rosenbluth, Robert F.	Laguna Niguel	CA	US	
Cox, Brian J.	Laguna Niguel	CA	US	

US-CL-CURRENT: 623/1.23; 623/1.49

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 6. Document ID: US 6402689 B1

L5: Entry 6 of 37

File: USPT

US-PAT-NO: 6402689

DOCUMENT-IDENTIFIER: US 6402689 B1

TITLE: Methods, systems, and associated implantable devices for dynamic monitoring of physiological and biological properties of tumors

DATE-ISSUED: June 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Scarantino; Charles W.	Raleigh	NC		
Nagle; H. Troy	Durham	NC		
Hall; Leslie C.	Raleigh	NC		
Mueller; Jeffrey	Cary	NC		
Kim; Chang-Soo	Raleigh	NC		

US-CL-CURRENT: 600/300; 128/903, 128/904, 128/920, 424/422, 424/9.1, 600/301, 600/326, 600/361, 600/407

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 7. Document ID: US 6394965 B1

L5: Entry 7 of 37

File: USPT

US-PAT-NO: 6394965

DOCUMENT-IDENTIFIER: US 6394965 B1

TITLE: Tissue marking using biocompatible microparticles

DATE-ISSUED: May 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Klein; Dean A.	North Oaks	MN		

US-CL-CURRENT: 600/564; 600/431

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 8. Document ID: US 6368329 B1

L5: Entry 8 of 37

File: USPT

US-PAT-NO: 6368329

DOCUMENT-IDENTIFIER: US 6368329 B1

TITLE: Method of using trajectory guide

DATE-ISSUED: April 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Truwit; Charles L.	Wayzata	MN		

US-CL-CURRENT: 606/130; 606/129

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 9. Document ID: US 6355275 B1

L5: Entry 9 of 37

File: USPT

US-PAT-NO: 6355275

DOCUMENT-IDENTIFIER: US 6355275 B1

TITLE: Embolization using carbon coated microparticles

DATE-ISSUED: March 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Klein; Dean A.	North Oaks	MN		

US-CL-CURRENT: 424/490; 424/423, 424/688, 424/691, 424/9.3, 424/9.4, 424/9.42

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 10. Document ID: US 6304769 B1

L5: Entry 10 of 37

File: USPT

US-PAT-NO: 6304769

DOCUMENT-IDENTIFIER: US 6304769 B1

TITLE: Magnetically directable remote guidance systems, and methods of use thereof

DATE-ISSUED: October 16, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Arenson; Ronald L.	Mill Valley	CA		
Hassenzahl; William V.	Piedmont	CA		
Roberts; Timothy	San Francisco	CA		

US-CL-CURRENT: 600/424; 604/528

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 11. Document ID: US 6298259 B1

L5: Entry 11 of 37

File: USPT

US-PAT-NO: 6298259

DOCUMENT-IDENTIFIER: US 6298259 B1

TITLE: Combined magnetic resonance imaging and magnetic stereotaxis surgical apparatus and processes

DATE-ISSUED: October 2, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Minneapolis	MN	55403	
Gillies; George T.	Earlsville	VA	22936-9590	

US-CL-CURRENT: 600/411; 324/307, 324/309, 324/310, 600/415, 600/417, 600/420, 600/429, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 12. Document ID: US 6285812 B1

L5: Entry 12 of 37

File: USPT

US-PAT-NO: 6285812

DOCUMENT-IDENTIFIER: US 6285812 B1

TITLE: Switchable and reconfigurable optical grating devices and methods for making them

DATE-ISSUED: September 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Amundson; Karl R.	Morristown	NJ		
Eggleton; Benjamin John	Berkeley Heights	NJ		
Rogers; John A.	New Providence	NJ		
Wagner; Jefferson Lynn	Charlottesville	VA		

US-CL-CURRENT: 385/37; 349/201

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 13. Document ID: US 6280385 B1

L5: Entry 13 of 37

File: USPT

US-PAT-NO: 6280385

DOCUMENT-IDENTIFIER: US 6280385 B1

TITLE: Stent and MR imaging process for the imaging and the determination of the position of a stent

DATE-ISSUED: August 28, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Melzer; Andreas	Duisburg			DE
Busch; Martin	Witten			DE

US-CL-CURRENT: 600/423; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 14. Document ID: US 6272370 B1

L5: Entry 14 of 37

File: USPT

US-PAT-NO: 6272370

DOCUMENT-IDENTIFIER: US 6272370 B1

TITLE: MR-visible medical device for neurological interventions using nonlinear magnetic stereotaxis and a method imaging

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gillies; George T.	Earlsville	VA		
Kucharczyk; John	Minneapolis	MN		
Broadus; William C.	Midlothian	VA		
Latchaw; Richard	Miami	FL		

US-CL-CURRENT: 600/411; 324/309, 324/318, 600/417, 600/420, 600/423, 600/424, 600/427, 600/429, 604/508, 604/510, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 15. Document ID: US 6267770 B1



US-PAT-NO: 6267770

DOCUMENT-IDENTIFIER: US 6267770 B1

TITLE: Remote actuation of trajectory guide

DATE-ISSUED: July 31, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Truwit; Charles L.	Wayzata	MN		

US-CL-CURRENT: 606/130; 600/417, 606/96

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 16. Document ID: US 6267769 B1

US-PAT-NO: 6267769

DOCUMENT-IDENTIFIER: US 6267769 B1

TITLE: Trajectory guide method and apparatus for use in magnetic resonance and computerized tomographic scanners

DATE-ISSUED: July 31, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Truwit; Charles L.	Wayzata	MN		

US-CL-CURRENT: 606/130; 606/1, 606/129

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 17. Document ID: US 6261243 B1

US-PAT-NO: 6261243

DOCUMENT-IDENTIFIER: US 6261243 B1

TITLE: Biopsy marker assembly and method of use

DATE-ISSUED: July 17, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Burney; Bryan T.	Fishers	IN		
Miller; Michael E.	Trafalgar	IN		
Mark; Joseph L.	Indianapolis	IN		

US-CL-CURRENT: 600/564; 600/567, 604/63, 606/167

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 18. Document ID: US 6246898 B1

L5: Entry 18 of 37

File: USPT

US-PAT-NO: 6246898

DOCUMENT-IDENTIFIER: US 6246898 B1

TITLE: Method for carrying out a medical procedure using a three-dimensional tracking and imaging system

DATE-ISSUED: June 12, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vesely; Ivan	Cleveland Heights	OH		
Smith; Wayne	London			CA
Klein; George	London			CA
Burkhoff; Daniel	Tenafly	NJ		

US-CL-CURRENT: 600/424; 600/429, 600/439, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 19. Document ID: US 6242915 B1

L5: Entry 19 of 37

File: USPT

US-PAT-NO: 6242915

DOCUMENT-IDENTIFIER: US 6242915 B1

TITLE: Field-frequency lock system for magnetic resonance system

DATE-ISSUED: June 5, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hurd; Ralph E.	Milpitas	CA		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 20. Document ID: US 6236205 B1

L5: Entry 20 of 37

File: USPT

US-PAT-NO: 6236205  
DOCUMENT-IDENTIFIER: US 6236205 B1

TITLE: MR device provided with a medical instrument, and method of determining the position of the medical instrument

DATE-ISSUED: May 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ludeke; Kai-Michael	Hamburg			DE
Rasche; Volker	Hamburg			DE

US-CL-CURRENT: 324/318; 324/300, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

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☐ 21. Document ID: US 6206890 B1

L5: Entry 21 of 37

File: USPT

US-PAT-NO: 6206890  
DOCUMENT-IDENTIFIER: US 6206890 B1

TITLE: Remote actuation of trajectory guide

DATE-ISSUED: March 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Truwit; Charles L.	Wayzata	MN		

US-CL-CURRENT: 606/130; 600/417, 606/129

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

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☐ 22. Document ID: US 6194900 B1

L5: Entry 22 of 37

File: USPT

US-PAT-NO: 6194900  
DOCUMENT-IDENTIFIER: US 6194900 B1

TITLE: Integrated miniaturized device for processing and NMR detection of liquid phase samples

DATE-ISSUED: February 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Freeman; Dominique M.	Pescadero	CA		
Swedberg; Sally A.	Palo Alto	CA		

US-CL-CURRENT: 324/321; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 23. Document ID: US 6192177 B1

L5: Entry 23 of 37

File: USPT

US-PAT-NO: 6192177

DOCUMENT-IDENTIFIER: US 6192177 B1

TITLE: Electrically modifiable optical grating devices

DATE-ISSUED: February 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Amundson; Karl R.	Morristown	NJ		
Eggleton; Benjamin John	Berkeley Heights	NJ		
Rogers; John A.	New Providence	NJ		
Wagner; Jefferson Lynn	Charlottesville	VA		

US-CL-CURRENT: 385/37; 359/570, 359/573, 385/40

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 24. Document ID: US 6165193 A

L5: Entry 24 of 37

File: USPT

US-PAT-NO: 6165193

DOCUMENT-IDENTIFIER: US 6165193 A

TITLE: Vascular embolization with an expansible implant

DATE-ISSUED: December 26, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Greene, Jr.; George R.	Costa Mesa	CA		
Rosenbluth; Robert F.	Laguna Niguel	CA		
Cox; Brian J.	Laguna Niguel	CA		

US-CL-CURRENT: 606/191; 623/1.21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 25. Document ID: US 6061587 A

L5: Entry 25 of 37

File: USPT

US-PAT-NO: 6061587  
DOCUMENT-IDENTIFIER: US 6061587 A

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: May 9, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/411; 600/431, 600/432, 600/433, 604/151, 604/152, 604/153, 604/154, 604/155, 604/21, 604/93.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 26. Document ID: US 6056700 A

L5: Entry 26 of 37

File: USPT

US-PAT-NO: 6056700  
DOCUMENT-IDENTIFIER: US 6056700 A

TITLE: Biopsy marker assembly and method of use

DATE-ISSUED: May 2, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Burney; Bryan T.	Fishers	IN		
Miller; Michael E.	Trafalgar	IN		
Mark; Joseph L.	Indianapolis	IN		

US-CL-CURRENT: 600/564; 600/567, 604/63, 606/167

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 27. Document ID: US 6026316 A

L5: Entry 27 of 37

File: USPT

US-PAT-NO: 6026316  
DOCUMENT-IDENTIFIER: US 6026316 A

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: February 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/420; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

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☐ 28. Document ID: US 5993463 A

L5: Entry 28 of 37

File: USPT

US-PAT-NO: 5993463

DOCUMENT-IDENTIFIER: US 5993463 A

TITLE: Remote actuation of trajectory guide

DATE-ISSUED: November 30, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Truwit; Charles L.	Wayzata	MN		

US-CL-CURRENT: 606/130; 606/129

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

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☐ 29. Document ID: US 5964705 A

L5: Entry 29 of 37

File: USPT

US-PAT-NO: 5964705

DOCUMENT-IDENTIFIER: US 5964705 A

TITLE: MR-compatible medical devices

DATE-ISSUED: October 12, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Truwit; Charles L.	Wayzata	MN		
Liu; Haiying	Minneapolis	MN		

US-CL-CURRENT: 600/423; 324/318, 600/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

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☐ 30. Document ID: US 5951881 A

L5: Entry 30 of 37

File: USPT

US-PAT-NO: 5951881

DOCUMENT-IDENTIFIER: US 5951881 A

TITLE: Fabrication of small-scale cylindrical articles

DATE-ISSUED: September 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rogers; John A.	Cambridge	MA		
Jackman; Rebecca J.	Cambridge	MA		
Whitesides; George M.	Newton	MA		

US-CL-CURRENT: 216/41; 216/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 31. Document ID: US 5797849 A

L5: Entry 31 of 37

File: USPT

US-PAT-NO: 5797849

DOCUMENT-IDENTIFIER: US 5797849 A

TITLE: Method for carrying out a medical procedure using a three-dimensional tracking and imaging system

DATE-ISSUED: August 25, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vesely; Ivan	Cleveland Heights	OH		
Smith; Wayne	London			CA

US-CL-CURRENT: 600/461

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 32. Document ID: US 5684401 A

L5: Entry 32 of 37

File: USPT

US-PAT-NO: 5684401

DOCUMENT-IDENTIFIER: US 5684401 A

TITLE: Apparatus and method for compensation of magnetic susceptibility variation in NMR microspectroscopy detection microcoils

DATE-ISSUED: November 4, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peck; Timothy L.	Champaign	IL		
Olson; Dean L.	Champaign	IL		
Sweedler; Jonathan V.	Urbana	IL		
Webb; Andrew G.	Urbana	IL		
Magin; Richard L.	Urbana	IL		

US-CL-CURRENT: 324/318; 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 33. Document ID: US 5654636 A

L5: Entry 33 of 37

File: USPT

US-PAT-NO: 5654636

DOCUMENT-IDENTIFIER: US 5654636 A

TITLE: Method and apparatus for NMR spectroscopy of nanoliter volume samples

DATE-ISSUED: August 5, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sweedler; Jonathan V.	Urbana	IL		
Peck; Timothy L.	Champaign	IL		
Webb; Andrew G.	Urbana	IL		
Magin; Richard L.	Urbana	IL		
Wu; Nian	Columbia	MD		

US-CL-CURRENT: 324/321; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 34. Document ID: US 5545367 A

L5: Entry 34 of 37

File: USPT

US-PAT-NO: 5545367

DOCUMENT-IDENTIFIER: US 5545367 A

TITLE: Rapid prototype three dimensional stereolithography

DATE-ISSUED: August 13, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bae; Young C.	Pleasanton	CA		
Soane; David S.	Piedmont	CA		
Crocker; Charles	San Francisco	CA		

US-CL-CURRENT: 264/401; 118/423, 118/620, 250/432R, 264/308, 425/174.4, 427/595,



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 35. Document ID: US 5020411 A

L5: Entry 35 of 37

File: USPT

US-PAT-NO: 5020411

DOCUMENT-IDENTIFIER: US 5020411 A

TITLE: Mobile assault logistic kinetmatic engagement device

DATE-ISSUED: June 4, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rowan; Larry	Culver	CA	90230	

US-CL-CURRENT: 89/1.11; 376/319, 60/203.1, 89/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 36. Document ID: US 4718422 A

L5: Entry 36 of 37

File: USPT

US-PAT-NO: 4718422

DOCUMENT-IDENTIFIER: US 4718422 A

TITLE: Coherent beam coupler system and method II

DATE-ISSUED: January 12, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rosenberg; Larry	Culver City	CA	90230	

US-CL-CURRENT: 600/300; 606/17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 37. Document ID: US 4538613 A

L5: Entry 37 of 37

File: USPT

US-PAT-NO: 4538613

DOCUMENT-IDENTIFIER: US 4538613 A

TITLE: Coherent beam coupler system

DATE-ISSUED: September 3, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rosenberg; Larry	Culver City	CA	90230	

US-CL-CURRENT: 607/89; 600/108

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMCD

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Term	Documents
POSITION\$4	0
POSITION.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	3845186
POSITIONA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	58
POSITIONAA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
POSITIONABE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	3
POSITIONABL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	156
POSITIONABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	61086
POSITIONABLY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	765
POSITIONACL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
POSITIONAD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
POSITIONADL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
(L4 AND (POSITION\$4 OR LOCAT\$6 OR SITE OR ZONE OR REGION OR AREA)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	37

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## Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 6298259 B1

L7: Entry 1 of 5

File: USPT

US-PAT-NO: 6298259

DOCUMENT-IDENTIFIER: US 6298259 B1

TITLE: Combined magnetic resonance imaging and magnetic stereotaxis surgical apparatus and processes

DATE-ISSUED: October 2, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Minneapolis	MN	55403	
Gillies; George T.	Earlsville	VA	22936-9590	

US-CL-CURRENT: 600/411; 324/307, 324/309, 324/310, 600/415, 600/417, 600/420, 600/429, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 2. Document ID: US 6246898 B1

L7: Entry 2 of 5

File: USPT

US-PAT-NO: 6246898

DOCUMENT-IDENTIFIER: US 6246898 B1

TITLE: Method for carrying out a medical procedure using a three-dimensional tracking and imaging system

DATE-ISSUED: June 12, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vesely; Ivan	Cleveland Heights	OH		
Smith; Wayne	London			CA
Klein; George	London			CA
Burkhoff; Daniel	Tenafly	NJ		

US-CL-CURRENT: 600/424; 600/429, 600/439, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 3. Document ID: US 6061587 A

L7: Entry 3 of 5

File: USPT

US-PAT-NO: 6061587

DOCUMENT-IDENTIFIER: US 6061587 A

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: May 9, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/411; 600/431, 600/432, 600/433, 604/151, 604/152, 604/153, 604/154, 604/155, 604/21, 604/93.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 4. Document ID: US 6026316 A

L7: Entry 4 of 5

File: USPT

US-PAT-NO: 6026316

DOCUMENT-IDENTIFIER: US 6026316 A

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: February 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/420; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 5. Document ID: US 5797849 A

L7: Entry 5 of 5

File: USPT

US-PAT-NO: 5797849

DOCUMENT-IDENTIFIER: US 5797849 A

TITLE: Method for carrying out a medical procedure using a three-dimensional tracking and imaging system

DATE-ISSUED: August 25, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vesely; Ivan	Cleveland Heights	OH		
Smith; Wayne	London			CA

US-CL-CURRENT: 600/461

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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Term	Documents
DETAIL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1316761
DETAILS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	605810
STRUCTURE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2696445
STRUCTURES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	617759
BODY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2721731
BODIES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	289906
BODYS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	258
PART.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	5062333
PARTS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2371017
HEAD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1332768
HEADS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	222419
(L6 AND (DETAIL OR STRUCTURE OR (BODY WITH PART) OR HEAD OR ARM OR WRIST OR LUNG OR LIVER OR HEART OR OBJECT OR SUBJECT OR KNEE OR ANKLE OR HAND OR ABDOMIN OR STOMACHE OR KIDNEY)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	5

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 6298259 B1

L13: Entry 1 of 3

File: USPT

US-PAT-NO: 6298259

DOCUMENT-IDENTIFIER: US 6298259 B1

TITLE: Combined magnetic resonance imaging and magnetic stereotaxis surgical apparatus and processes

DATE-ISSUED: October 2, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Minneapolis	MN	55403	
Gillies; George T.	Earlsville	VA	22936-9590	

US-CL-CURRENT: 600/411; 324/307, 324/309, 324/310, 600/415, 600/417, 600/420, 600/429, 606/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 2. Document ID: US 6061587 A

L13: Entry 2 of 3

File: USPT

US-PAT-NO: 6061587

DOCUMENT-IDENTIFIER: US 6061587 A

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: May 9, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/411; 600/431, 600/432, 600/433, 604/151, 604/152, 604/153, 604/154, 604/155, 604/21, 604/93.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 3. Document ID: US 6026316 A

US-PAT-NO: 6026316

DOCUMENT-IDENTIFIER: US 6026316 A

TITLE: Method and apparatus for use with MR imaging

DATE-ISSUED: February 15, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Edina	MN		
Moseley; Michael E.	Redwood City	CA		

US-CL-CURRENT: 600/420; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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Term	Documents
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HEATA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	12
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HEATABL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	3
HEATABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	11751
HEATABLY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	32
HEATAD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	4
HEATAED.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	6
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HEATAGE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	5
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## Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 6377834 B1

L14: Entry 1 of 6

File: USPT

US-PAT-NO: 6377834

DOCUMENT-IDENTIFIER: US 6377834 B1

TITLE: Real time in vivo measurement of temperature changes with contrast enhanced NMR imaging

DATE-ISSUED: April 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Yong	Waukesha	WI		
Frayne; Richard	Calgary			CA

US-CL-CURRENT: 600/412; 324/315

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 2. Document ID: US 6246895 B1

L14: Entry 2 of 6

File: USPT

US-PAT-NO: 6246895

DOCUMENT-IDENTIFIER: US 6246895 B1

TITLE: Imaging of ultrasonic fields with MRI

DATE-ISSUED: June 12, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Plewes; Donald B.	Toronto			CA

US-CL-CURRENT: 600/410; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 3. Document ID: US 6064206 A

L14: Entry 3 of 6

File: USPT



US-PAT-NO: 6064206  
DOCUMENT-IDENTIFIER: US 6064206 A

TITLE: Method of and device for determining a temperature distribution in an object by means of magnetic resonance

DATE-ISSUED: May 16, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Vaals; Johannes J.	Eindhoven			NL
Smink; Jouke	Eindhoven			NL

US-CL-CURRENT: 324/312; 324/309, 324/318, 324/322, 600/412

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 4. Document ID: US 5119568 A

L14: Entry 4 of 6

File: USPT

US-PAT-NO: 5119568  
DOCUMENT-IDENTIFIER: US 5119568 A

TITLE: Feeler device, particularly for copying machines

DATE-ISSUED: June 9, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vesco; Mario	Turin			IT
Zaramella; Giancarlo	Turin			IT

US-CL-CURRENT: 33/559; 33/561

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 5. Document ID: JP 2001505811 W, WO 9921024 A1, EP 944841 A1, US 6064206 A

L14: Entry 5 of 6

File: DWPI

May 8, 2001

DERWENT-ACC-NO: 1999-288412  
DERWENT-WEEK: 200131  
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TITLE: Object temperature distribution determination

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Clip Img	Image								

☐ 6. Document ID: WO 8805524 A, CA 1306523 C, DE 3863498 G, EP 299033 A, EP 299033 B, EP 299033 B2, IT 1206842 B, JP 01501969 W, PT 86549 A, US 5119568 A

L14: Entry 6 of 6

File: DWPI

Jul 28, 1988

DERWENT-ACC-NO: 1988-220355

DERWENT-WEEK: 198831

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TITLE: Feeler device for copying machine - has intermediate support structure for decoupling feeler motion along given axis from motion along other axes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw	Desc	Image								

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Term	Documents
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## Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 6374132 B1

L15: Entry 1 of 6

File: USPT

US-PAT-NO: 6374132

DOCUMENT-IDENTIFIER: US 6374132 B1

TITLE: MRI-guided therapeutic unit and methods

DATE-ISSUED: April 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Acker; David E.	Setauket	NY		
Wagshul; Mark	Patchogue	NY		

US-CL-CURRENT: 600/411; 324/307, 324/309, 324/318, 601/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 2. Document ID: US 6148225 A

L15: Entry 2 of 6

File: USPT

US-PAT-NO: 6148225

DOCUMENT-IDENTIFIER: US 6148225 A

TITLE: Ultrasound therapy apparatus and method for operating same during MR monitoring

DATE-ISSUED: November 14, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kestler; Joachim	Pinzberg			DE
Schaetzle; Ulrich	Roettenbach			DE
Schmidt; Erhard	Selb			DE

US-CL-CURRENT: 600/411; 601/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 3. Document ID: US 6128522 A

US-PAT-NO: 6128522

DOCUMENT-IDENTIFIER: US 6128522 A

TITLE: MRI-guided therapeutic unit and methods

DATE-ISSUED: October 3, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Acker; David E.	Setauket	NY		
Wagshul; Mark	Patchogue	NY		

US-CL-CURRENT: 600/411; 335/298

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 4. Document ID: US 6032067 A

L15: Entry 4 of 6

File: USPT

US-PAT-NO: 6032067

DOCUMENT-IDENTIFIER: US 6032067 A

TITLE: Radiation delivery system

DATE-ISSUED: February 29, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sjoholm; Gosta	Bromma			SE

US-CL-CURRENT: 600/407; 600/439

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 5. Document ID: US 5938600 A

L15: Entry 5 of 6

File: USPT

US-PAT-NO: 5938600

DOCUMENT-IDENTIFIER: US 5938600 A

TITLE: Method and device for heating by means of ultrasound

DATE-ISSUED: August 17, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Vaals; Johannes J.	Eindhoven			NL
Hofland; Lennart	Eindhoven			NL

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 6. Document ID: US 5938600 A, WO 9722015 A1, EP 811171 A1, JP 11500948 W

L15: Entry 6 of 6

File: DWPI

Aug 17, 1999

DERWENT-ACC-NO: 1997-332935

DERWENT-WEEK: 199939

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TITLE: Target region heating method with ultrasonic irradiation - by adjusting focal region of ultrasound generated to position within target region using position or movement information from magnetic resonance, and generating ultrasound pulse

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KMIC

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Term	Documents
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## Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20020073441 A1

L16: Entry 1 of 10

File: PGPB

Jun 13, 2002

PGPUB-DOCUMENT-NUMBER: 20020073441  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020073441 A1

TITLE: Compositions and methods for detecting proteolytic activity

PUBLICATION-DATE: June 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ross, Brian D.	Ann Arbor	MI	US	
Rehemtulla, Alnawaz	Plymouth	MI	US	

US-CL-CURRENT: 800/18; 435/189, 435/354, 435/4, 530/350, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

☐ 2. Document ID: US 6377834 B1

L16: Entry-2 of 10

File: USPT

US-PAT-NO: 6377834  
 DOCUMENT-IDENTIFIER: US 6377834 B1

TITLE: Real time in vivo measurement of temperature changes with contrast enhanced NMR imaging

DATE-ISSUED: April 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Yong	Waukesha	WI		
Frayne; Richard	Calgary			CA

US-CL-CURRENT: 600/412; 324/315

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

☐ 3. Document ID: US 6270463 B1

L16: Entry 3 of 10

File: USPT

US-PAT-NO: 6270463  
DOCUMENT-IDENTIFIER: US 6270463 B1

TITLE: System and method for measuring temperature in a strong electromagnetic field  
DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Morris, Sr.; G. Ronald	Bay Shore	NY		
Valentine; James W.	Spokane	WA		

US-CL-CURRENT: 600/549

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 4. Document ID: US 6194899 B1

L16: Entry 4 of 10

File: USPT

US-PAT-NO: 6194899  
DOCUMENT-IDENTIFIER: US 6194899 B1

TITLE: Temperature monitoring method, temperature monitoring apparatus and magnetic resonance apparatus

DATE-ISSUED: February 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishihara; Yasutoshi	Tokyo			JP
Umeda; Masaaki	Kawasaki			JP
Watanabe; Hidehiro	Yokohama			JP
Okamoto; Kazuya	Yono			JP

US-CL-CURRENT: 324/315; 600/412

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 5. Document ID: US 6032068 A

L16: Entry 5 of 10

File: USPT

US-PAT-NO: 6032068  
DOCUMENT-IDENTIFIER: US 6032068 A

TITLE: Non-invasive measurement of frozen tissue temperature using MRI signal

DATE-ISSUED: February 29, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Daniel; Bruce L.	Palo Alto	CA		
Butts; Rosemary Kim	San Francisco	CA		

US-CL-CURRENT: 600/412; 324/315

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 6. Document ID: US 5916161 A

L16: Entry 6 of 10

File: USPT

US-PAT-NO: 5916161  
DOCUMENT-IDENTIFIER: US 5916161 A

TITLE: Magnetic resonance imaging apparatus with temperature measurement function

DATE-ISSUED: June 29, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishihara; Yasutoshi	Tokyo			JP
Okamoto; Kazuya	Tokyo			JP

US-CL-CURRENT: 600/410; 324/315, 600/412

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 7. Document ID: US 5711300 A

L16: Entry 7 of 10

File: USPT

US-PAT-NO: 5711300  
DOCUMENT-IDENTIFIER: US 5711300 A

TITLE: Real time in vivo measurement of temperature changes with NMR imaging

DATE-ISSUED: January 27, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schneider; Erika	Rexford	NY		
Cline; Harvey Ellis	Schenectady	NY		
Watkins; Ronald Dean	Schenectady	NY		
Washburn; Sheila Srinivasan	New Berlin	WI		
Hardy; Christopher Judson	Schenectady	NY		

US-CL-CURRENT: 600/412

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									



☐ 8. Document ID: US 5541511 A

L16: Entry 8 of 10

File: USPT

US-PAT-NO: 5541511

DOCUMENT-IDENTIFIER: US 5541511 A

TITLE: Method of magnetic resonance imaging for the production of rare images with additional preparation of the magnetization for contrast variation

DATE-ISSUED: July 30, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hennig; Jorgen	79100 Freiburg im Breisgau			DE

US-CL-CURRENT: 324/309; 324/314, 600/413

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 9. Document ID: US 5378987 A

L16: Entry 9 of 10

File: USPT

US-PAT-NO: 5378987

DOCUMENT-IDENTIFIER: US 5378987 A

TITLE: Method and apparatus for non-invasive measurement of temperature distribution within target body using nuclear magnetic resonance imaging

DATE-ISSUED: January 3, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishihara; Yasutoshi	Kanagawa			JP
Sato; Kozo	Kanagawa			JP

US-CL-CURRENT: 324/315; 600/412

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 10. Document ID: DE 69331073 E, EP 560397 A1, US 5378987 A, JP 3160351 B2, EP 560397 B1

L16: Entry 10 of 10

File: DWPI

Dec 13, 2001

DERWENT-ACC-NO: 1993-289890

DERWENT-WEEK: 200205

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TITLE: Measurement of internal temperature distribution using NMR - obtaining chemical shift data from target body at each voxel with and without temperature change to enable construction of image of temp. distribution.

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Term	Documents
"5378987".DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	10
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## Search Results - Record(s) 1 through 17 of 17 returned.

☐ 1. Document ID: US 6419648 B1

Li7: Entry 1 of 17

File: USPT

US-PAT-NO: 6419648

DOCUMENT-IDENTIFIER: US 6419648 B1

TITLE: Systems and methods for reducing secondary hot spots in a phased array focused ultrasound system

DATE-ISSUED: July 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vitek; Shuki	Haifa			ILX
Brenner; Naama	Haifa			ILX

US-CL-CURRENT: 601/3; 606/27

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 2. Document ID: US 6377834 B1

Li7: Entry 2 of 17

File: USPT

US-PAT-NO: 6377834

DOCUMENT-IDENTIFIER: US 6377834 B1

TITLE: Real time in vivo measurement of temperature changes with contrast enhanced NMR imaging

DATE-ISSUED: April 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Yong	Waukesha	WI		
Frayne; Richard	Calgary			CA

US-CL-CURRENT: 600/412; 324/315

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 3. Document ID: US 6374132 B1

US-PAT-NO: 6374132

DOCUMENT-IDENTIFIER: US 6374132 B1

TITLE: MRI-guided therapeutic unit and methods

DATE-ISSUED: April 16, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Acker; David E.	Setauket	NY		
Wagshul; Mark	Patchogue	NY		

US-CL-CURRENT: 600/411; 324/307, 324/309, 324/318, 601/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 4. Document ID: US 6246896 B1

L17: Entry 4 of 17

File: USPT

US-PAT-NO: 6246896

DOCUMENT-IDENTIFIER: US 6246896 B1

TITLE: MRI guided ablation system

DATE-ISSUED: June 12, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumoulin; Charles Lucian	London			GB
Darrow; Robert David	Scotia	NY		

US-CL-CURRENT: 600/411; 600/412, 606/134, 606/34, 607/115

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 5. Document ID: US 6148225 A

L17: Entry 5 of 17

File: USPT

US-PAT-NO: 6148225

DOCUMENT-IDENTIFIER: US 6148225 A

TITLE: Ultrasound therapy apparatus and method for operating same during MR monitoring

DATE-ISSUED: November 14, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kestler; Joachim	Pinzberg			DE
Schaetzle; Ulrich	Roettenbach			DE
Schmidt; Erhard	Selb			DE

US-CL-CURRENT: 600/411; 601/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

## ☐ 6. Document ID: US 6135971 A

L17: Entry 6 of 17

File: USPT

US-PAT-NO: 6135971

DOCUMENT-IDENTIFIER: US 6135971 A

TITLE: Apparatus for deposition of ultrasound energy in body tissue

DATE-ISSUED: October 24, 2000

### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hutchinson; Erin	Boston	MA		
Buchanan; Mark	Burlington	MA		
Hynnen; Kullervo	Medfield	MA		

US-CL-CURRENT: 601/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

## ☐ 7. Document ID: US 6128522 A

L17: Entry 7 of 17

File: USPT

US-PAT-NO: 6128522

DOCUMENT-IDENTIFIER: US 6128522 A

TITLE: MRI-guided therapeutic unit and methods

DATE-ISSUED: October 3, 2000

### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Acker; David E.	Setauket	NY		
Wagshul; Mark	Patchogue	NY		

US-CL-CURRENT: 600/411; 335/298

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 8. Document ID: US 5938600 A

L17: Entry 8 of 17

File: USPT

US-PAT-NO: 5938600

DOCUMENT-IDENTIFIER: US 5938600 A

TITLE: Method and device for heating by means of ultrasound

DATE-ISSUED: August 17, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Vaals; Johannes J.	Eindhoven			NL
Hofland; Lennart	Eindhoven			NL

US-CL-CURRENT: 600/411; 324/306, 600/419, 601/2, 601/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

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☐ 9. Document ID: US 5730134 A

L17: Entry 9 of 17

File: USPT

US-PAT-NO: 5730134

DOCUMENT-IDENTIFIER: US 5730134 A

TITLE: System to monitor temperature near an invasive device during magnetic resonance procedures

DATE-ISSUED: March 24, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumoulin; Charles Lucian	Ballston Lake	NY		
Watkins; Ronald Dean	Niskayuna	NY		
Darrow; Robert David	Scotia	NY		
Souza; Steven Peter	Williamstown	NY		

US-CL-CURRENT: 600/412; 600/549

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

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☐ 10. Document ID: US 5690109 A

L17: Entry 10 of 17

File: USPT

US-PAT-NO: 5690109

DOCUMENT-IDENTIFIER: US 5690109 A

TITLE: Method of destructive, noninvasive hyperpyrexia of tissues and organisms utilizing nuclear magnetic resonance

DATE-ISSUED: November 25, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Govind; Rakesh	Cincinnati	OH	45242	
Loomis; Robert G.	Independence	KY	41051	

US-CL-CURRENT: 600/411; 324/315, 600/10, 600/410, 607/100, 607/154

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
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☐ 11. Document ID: US 5684400 A

L17: Entry 11 of 17

File: USPT

US-PAT-NO: 5684400

DOCUMENT-IDENTIFIER: US 5684400 A

TITLE: Diffusion sensitizing imaging method, dynamic imaging method, and MRI apparatus

DATE-ISSUED: November 4, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tsukamoto; Tetsuji	Tokyo			JP
Yoshitome; Eiichi	Tokyo			JP

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 12. Document ID: US 5490840 A

L17: Entry 12 of 17

File: USPT

US-PAT-NO: 5490840

DOCUMENT-IDENTIFIER: US 5490840 A

TITLE: Targeted thermal release of drug-polymer conjugates

DATE-ISSUED: February 13, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Uzgiris; Egidijus E.	Niskayuna	NY		
Opsahl; Lorinda R.	Clifton Park	NY		
Vosburgh; Kirby G.	Niskayuna	NY		
Anthony; Thomas R.	Niskayuna	NY		
Cline; Harvey E.	Niskayuna	NY		

US-CL-CURRENT: 604/22; 128/898, 424/9.34, 600/439, 601/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC

☐ 13. Document ID: US 5443068 A

L17: Entry 13 of 17

File: USPT

US-PAT-NO: 5443068

DOCUMENT-IDENTIFIER: US 5443068 A

TITLE: Mechanical positioner for magnetic resonance guided ultrasound therapy

DATE-ISSUED: August 22, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cline; Harvey E.	Schenectady	NY		
Rohling; Kenneth W.	Burnt Hills	NY		
Abeling; Walter R.	Amsterdam	NY		

US-CL-CURRENT: 600/411; 601/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC

☐ 14. Document ID: US 5307812 A

L17: Entry 14 of 17

File: USPT

US-PAT-NO: 5307812

DOCUMENT-IDENTIFIER: US 5307812 A

TITLE: Heat surgery system monitored by real-time magnetic resonance profiling

DATE-ISSUED: May 3, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hardy; Christopher J.	Schenectady	NY		
Cline; Harvey E.	Schenectady	NY		

US-CL-CURRENT: 600/411; 600/412, 600/549, 601/2, 606/15, 607/89

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC

☐ 15. Document ID: US 5307812 A

L17: Entry 15 of 17

File: EPAB

May 3, 1994

PUB-NO: US005307812A

DOCUMENT-IDENTIFIER: US 5307812 A

TITLE: Heat surgery system monitored by real-time magnetic resonance profiling



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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☐ 16. Document ID: JP 3069286 B2, EP 753759 A1, JP 09056695 A, DE 19546178 A1, US 5684400 A, KR 97032757 A, KR 166142 B1

L17: Entry 16 of 17

File: DWPI

Jul 24, 2000

DERWENT-ACC-NO: 1997-079528

DERWENT-WEEK: 200040

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TITLE: Diffusion sensitising for dynamic imaging and MRI - using computer to produce pulses to control magnetic fields and to process received NMR signal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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☐ 17. Document ID: US 5307812 A, EP 648339 A1, JP 07507708 W, WO 9423308 A1

L17: Entry 17 of 17

File: DWPI

May 3, 1994

DERWENT-ACC-NO: 1994-143797

DERWENT-WEEK: 199417

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TITLE: Pulsed heating system with magnetic resonance real-time monitoring for surgery - applies radio-frequency pulses and field and diffusion gradients, and computes temp. versus position profile along read-out gradient

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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